

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
 Data File : BN006690.D
 Acq On : 02 Jul 2019 14:01
 Operator : HP/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 02 17:07:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 02 17:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3590	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	13710	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	7532	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	16556	0.40	ng	0.00
27) Chrysene-d12	21.26	240	14506	0.40	ng	0.00
34) Perylene-d12	23.50	264	16378	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1918	0.22	ng	0.00
5) Phenol-d6	6.84	99	2312	0.20	ng	0.00
8) Nitrobenzene-d5	8.79	82	1890	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	3968	0.18	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	659	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.88	172	5594	0.20	ng	0.00
25) Fluoranthene-d10	19.08	212	9199	0.19	ng	0.00
29) Terphenyl-d14	19.68	244	6531	0.21	ng	0.00

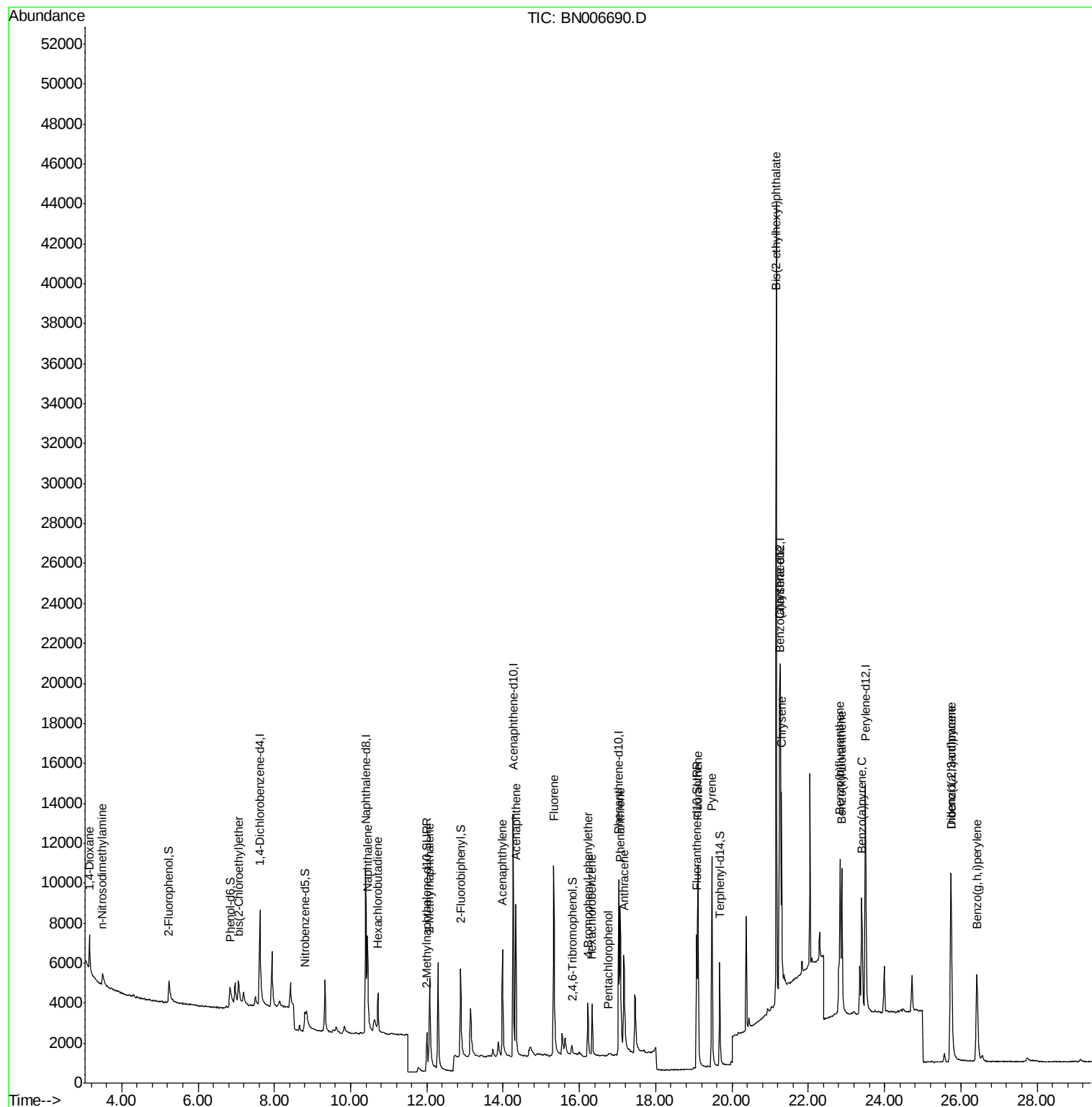
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	1238	0.249	ng	93
3) n-Nitrosodimethylamine	3.50	42	612	0.157	ng	# 87
6) bis(2-Chloroethyl)ether	7.06	93	2070	0.199	ng	# 83
9) Naphthalene	10.44	128	7287	0.202	ng	97
10) Hexachlorobutadiene	10.72	225	1546	0.209	ng	# 99
12) 2-Methylnaphthalene	12.07	142	5559	0.223	ng	98
16) Acenaphthylene	13.99	152	6921	0.193	ng	99
17) Acenaphthene	14.33	154	4647	0.196	ng	98
18) Fluorene	15.32	166	5656	0.189	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	1790	0.195	ng	93
21) Hexachlorobenzene	16.33	284	2251	0.194	ng	99
22) Pentachlorophenol	16.76	266	207	0.112	ng	88
23) Phenanthrene	17.07	178	8878	0.189	ng	100
24) Anthracene	17.16	178	7842	0.192	ng	100
26) Fluoranthene	19.11	202	10881	0.190	ng	99
28) Pyrene	19.47	202	11418	0.225	ng	99
30) Benzo(a)anthracene	21.25	228	9313	0.196	ng	98
31) Chrysene	21.30	228	10323	0.202	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	37786	1.583	ng	100
33) Indeno(1,2,3-cd)pyrene	25.74	276	12169	0.235	ng	99
35) Benzo(b)fluoranthene	22.83	252	10171	0.183	ng	# 85
36) Benzo(k)fluoranthene	22.88	252	11157	0.188	ng	# 85
37) Benzo(a)pyrene	23.40	252	9836	0.189	ng	# 84
38) Dibenzo(a,h)anthracene	25.74	278	9617	0.211	ng	# 91
39) Benzo(g,h,i)perylene	26.42	276	10116	0.223	ng	95

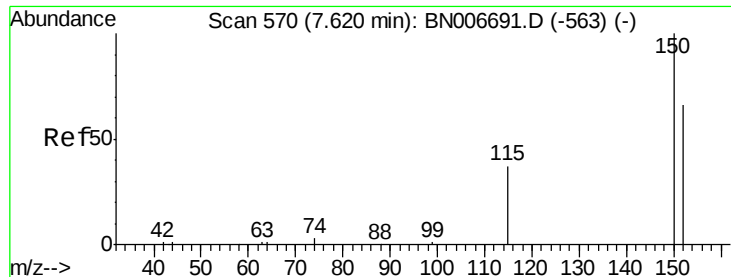
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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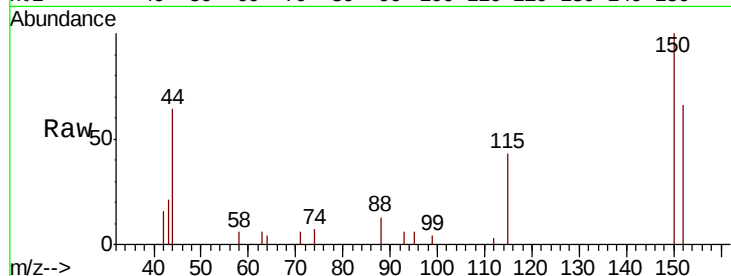


#1

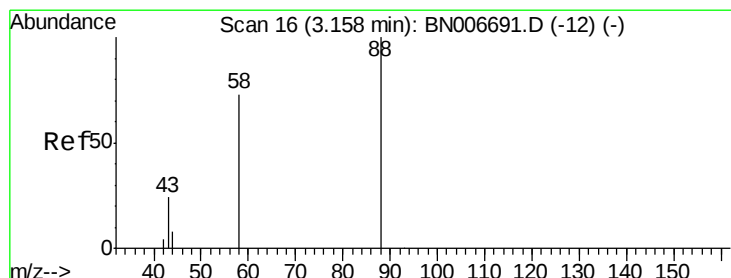
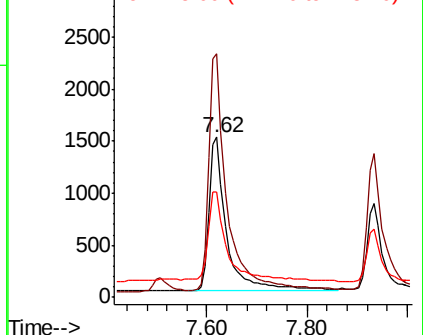
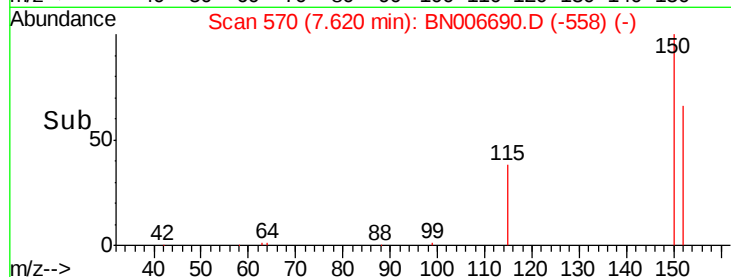
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3590
Ion Ratio Lower Upper
152 100
150 152.2 120.6 181.0
115 66.0 51.0 76.6



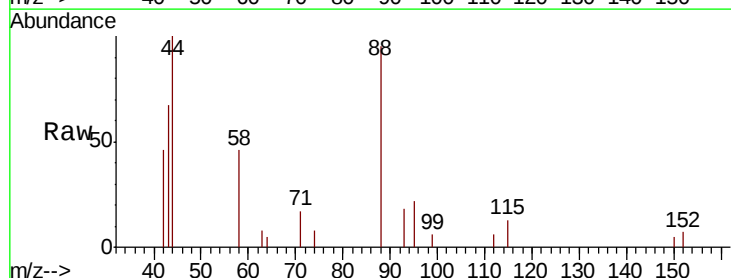
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



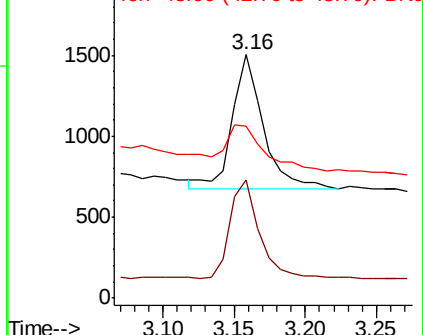
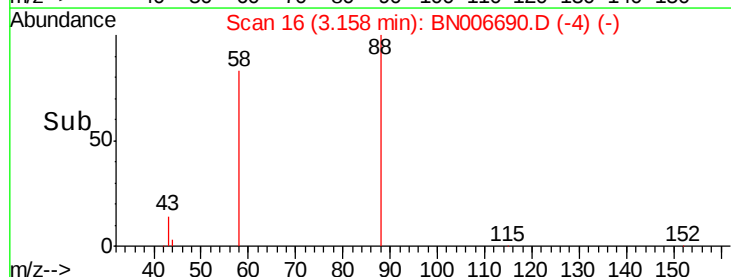
#2

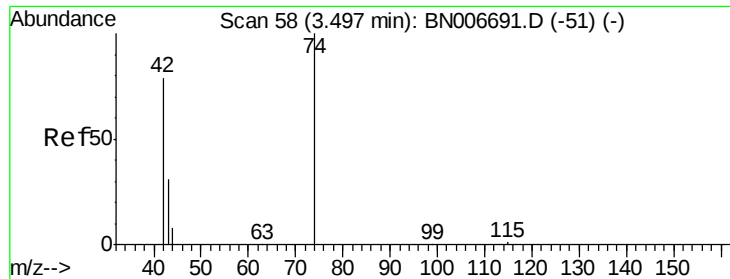
1,4-Dioxane
Concen: 0.249 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion: 88 Resp: 1238
Ion Ratio Lower Upper
88 100
58 69.0 61.1 91.7
43 42.1 32.4 48.6



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.157 ng

RT: 3.50 min Scan# 58

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampleId :

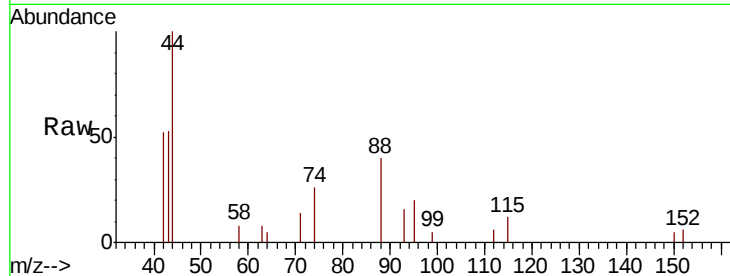
Tot Ion: 42 Resp: 612

Ion Ratio Lower Upper

42 100

74 149.0 106.6 160.0

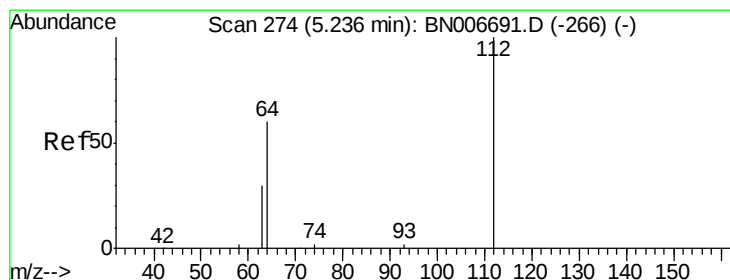
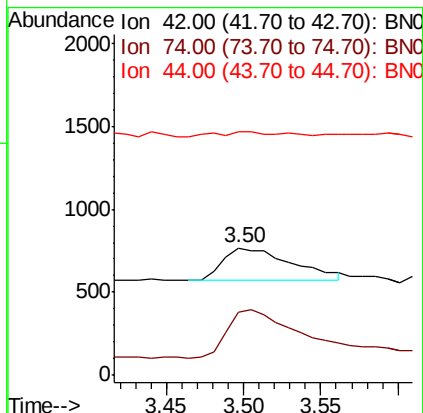
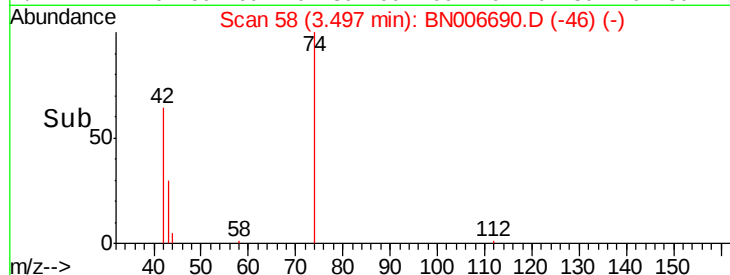
44 12.3 8.0 12.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.218 ng

RT: 5.24 min Scan# 275

Delta R.T. 0.01 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

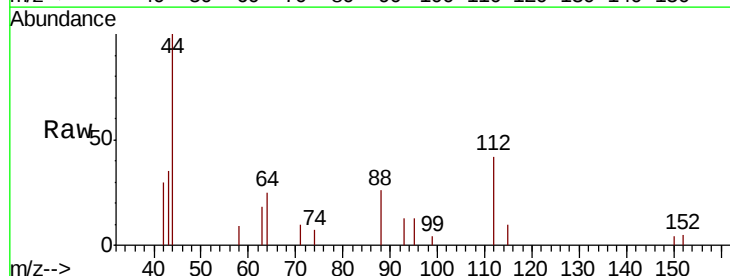
Tgt Ion: 112 Resp: 1918

Ion Ratio Lower Upper

112 100

64 61.7 49.8 74.6

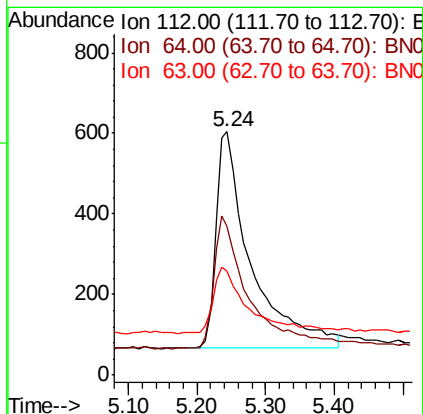
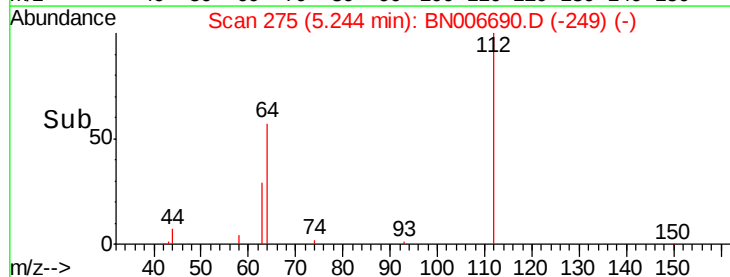
63 32.2 25.8 38.6

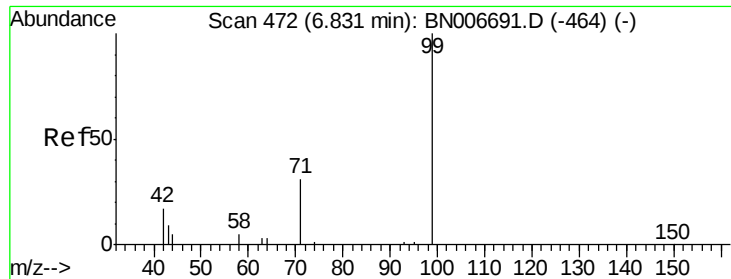


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.198 ng

RT: 6.84 min Scan# 473

Delta R.T. 0.01 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampleId :

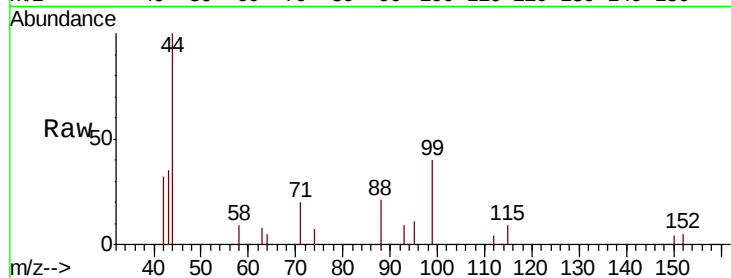
Tot Ion: 99 Resp: 2312

Ion Ratio Lower Upper

99 100

42 18.9 16.6 25.0

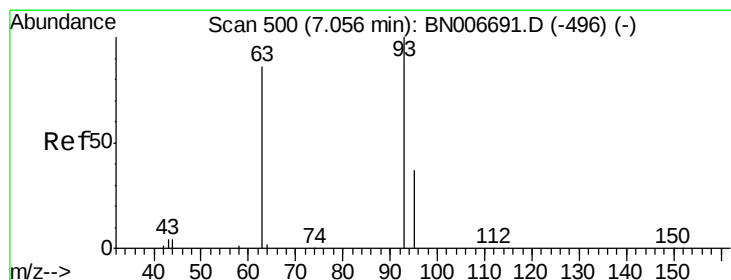
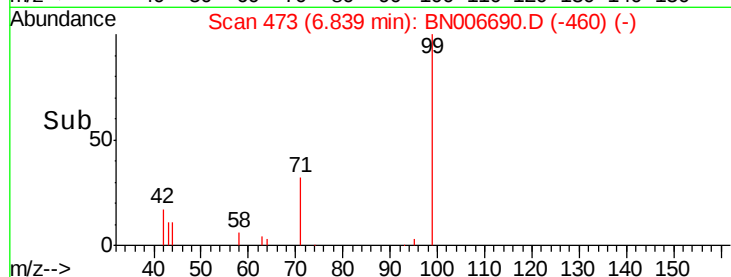
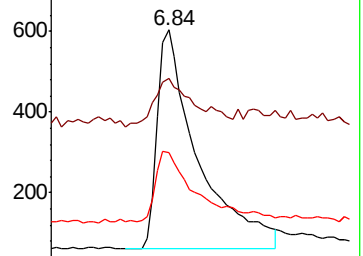
71 29.6 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006690.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006690.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006690.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.199 ng

RT: 7.06 min Scan# 500

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

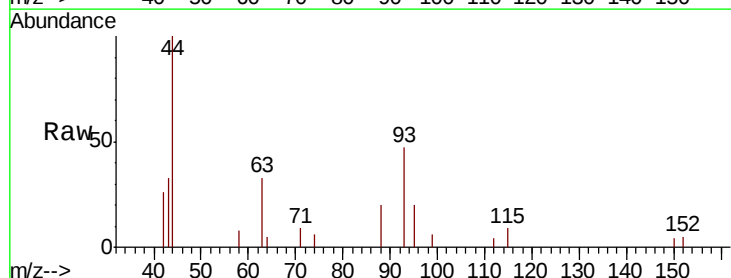
Tgt Ion: 93 Resp: 2070

Ion Ratio Lower Upper

93 100

63 59.1 58.6 87.8

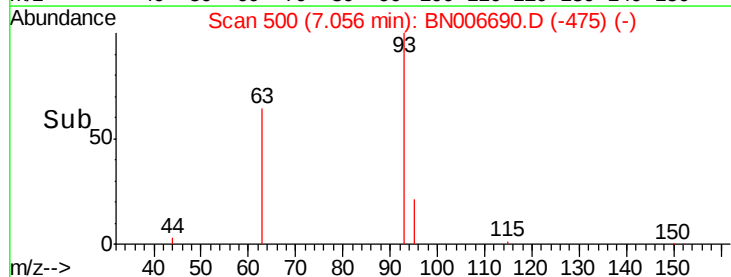
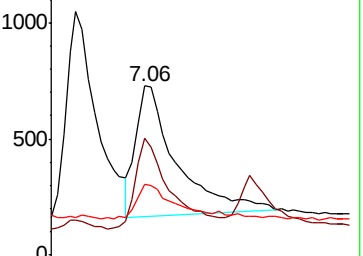
95 25.7 28.3 42.5#

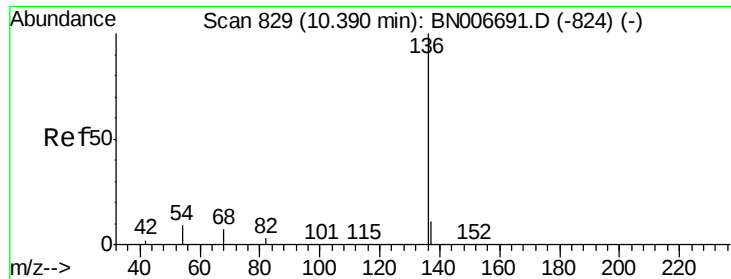


Abundance Ion 93.00 (92.70 to 93.70): BN006690.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006690.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006690.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13710

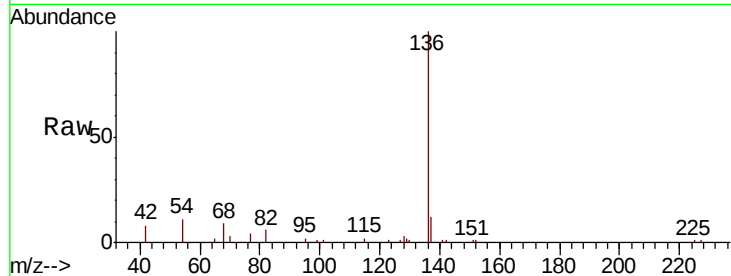
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 11.1 8.4 12.6

68 8.9 6.8 10.2

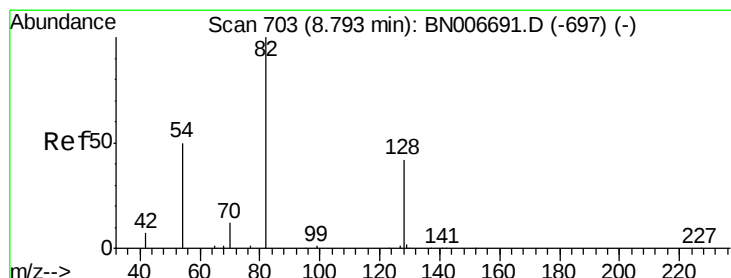
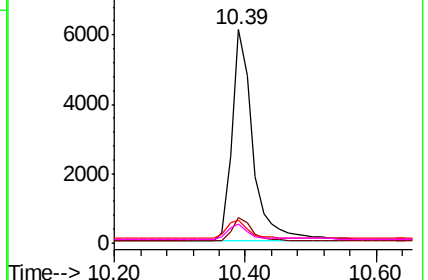
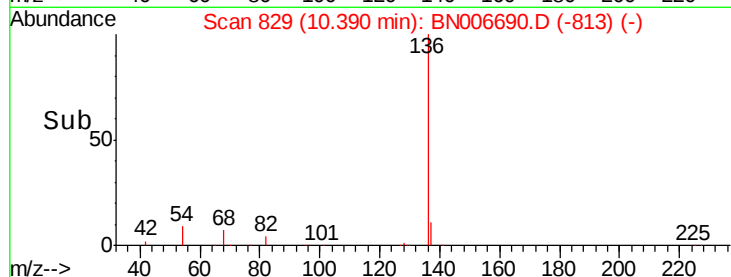


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.205 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

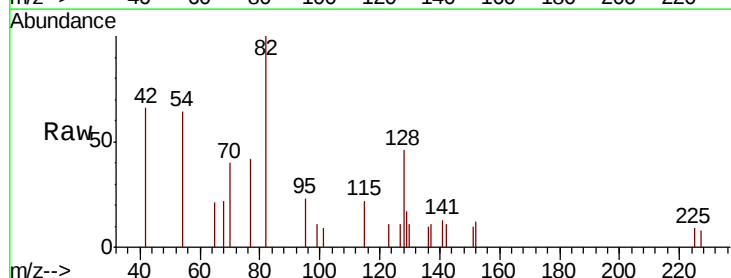
Tgt Ion: 82 Resp: 1890

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

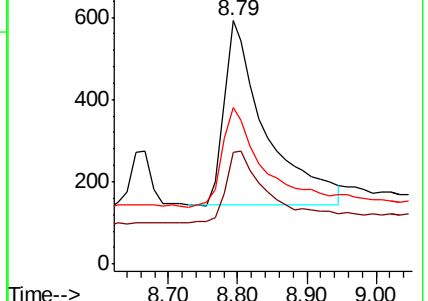
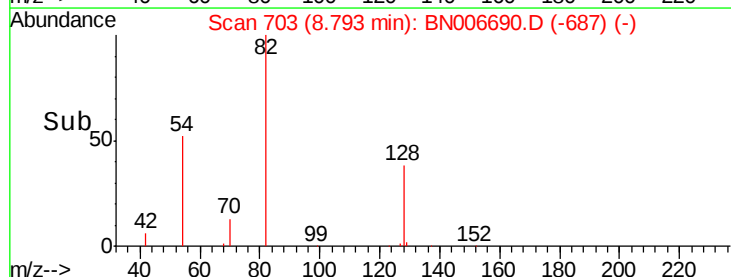
54 64.4 44.5 66.7



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.202 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampleId :

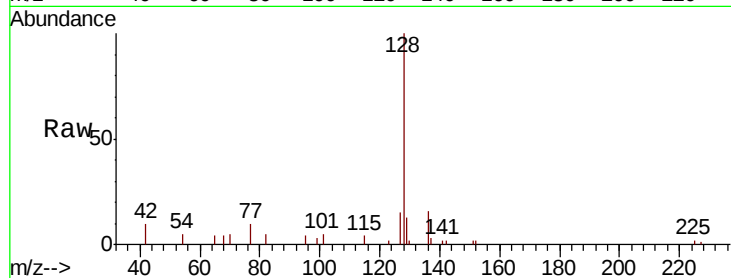
Tot Ion:128 Resp: 7287

Ion Ratio Lower Upper

128 100

129 13.2 9.6 14.4

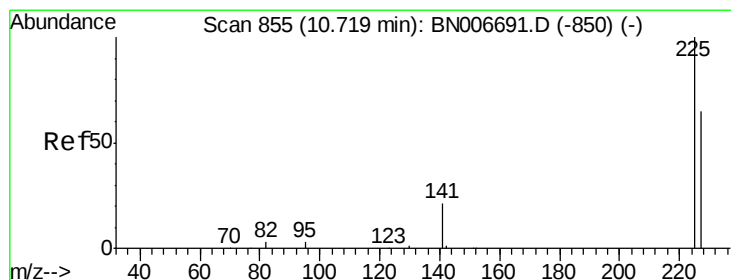
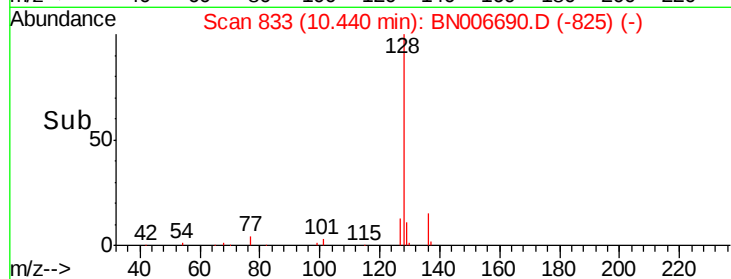
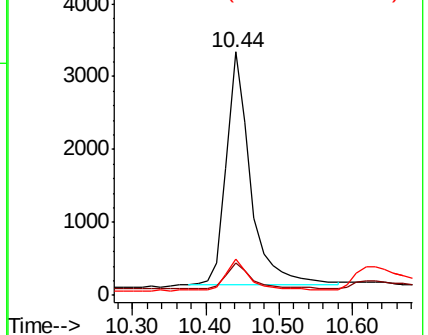
127 14.9 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.209 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

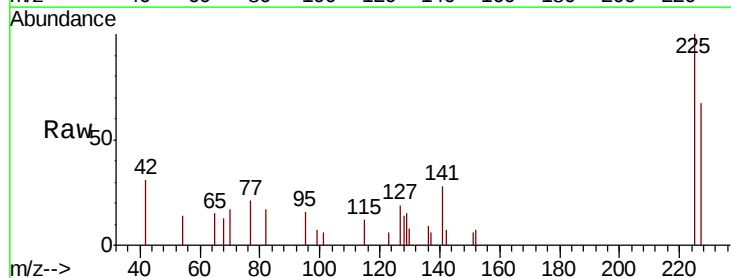
Tgt Ion:225 Resp: 1546

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

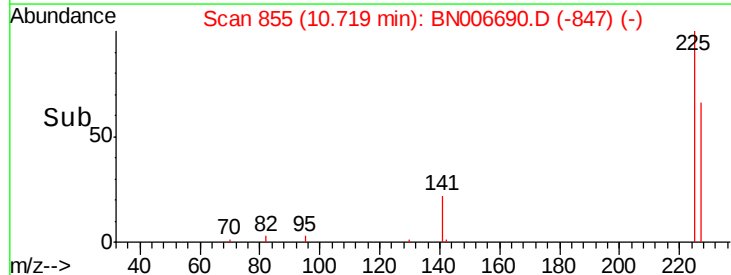
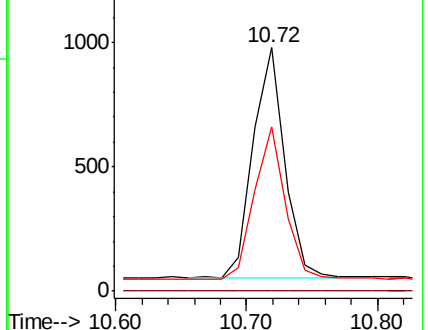
227 64.7 50.9 76.3

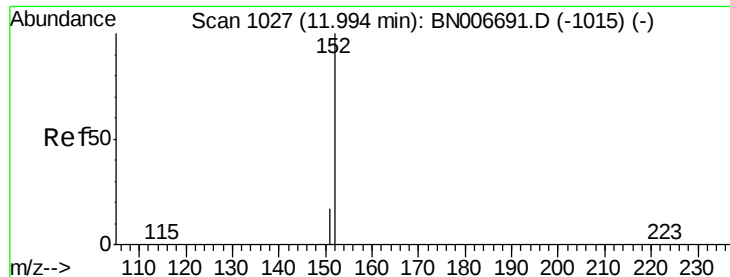


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

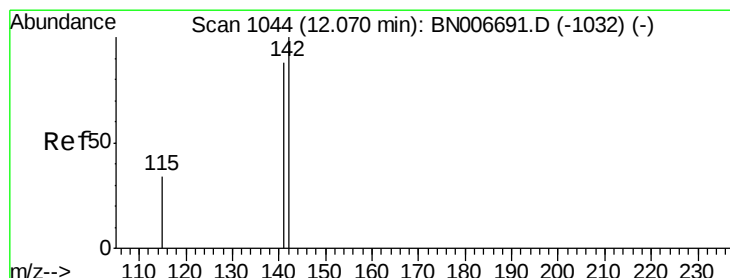
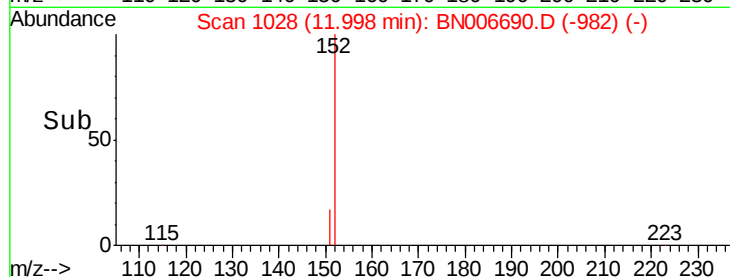
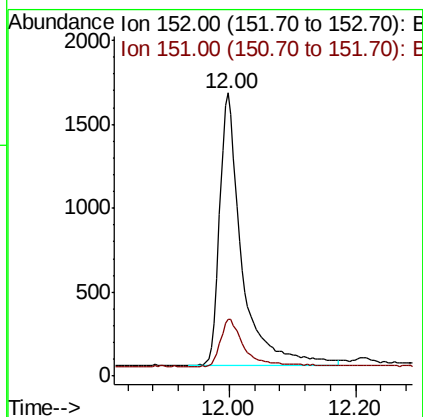
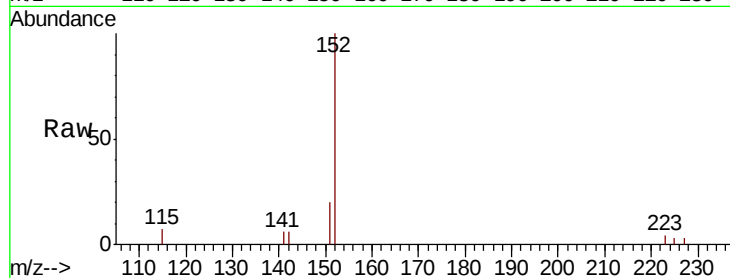




#11
 2-Methylnaphthalene-d10
 Concen: 0.184 ng
 RT: 12.00 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BN006690.D
 Acq: 02 Jul 2019 14:01

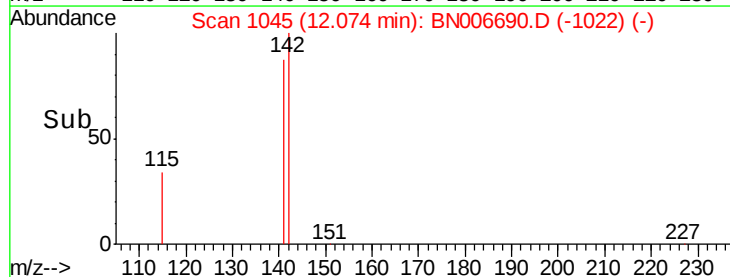
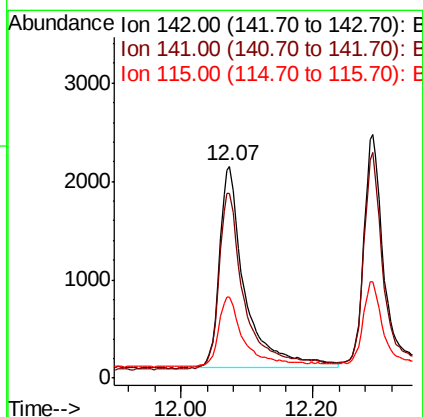
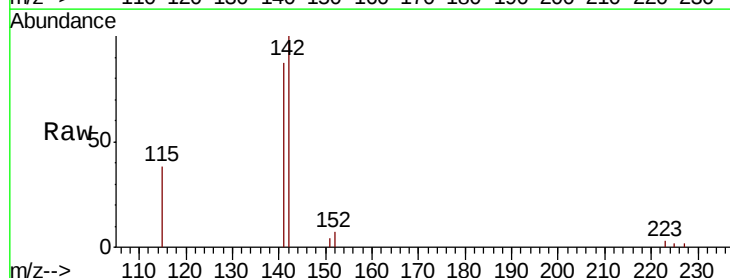
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 3968
 Ion Ratio Lower Upper
 152 100
 151 18.4 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.223 ng
 RT: 12.07 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BN006690.D
 Acq: 02 Jul 2019 14:01

Tgt Ion:142 Resp: 5559
 Ion Ratio Lower Upper
 142 100
 141 87.1 70.3 105.5
 115 37.9 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampleId :

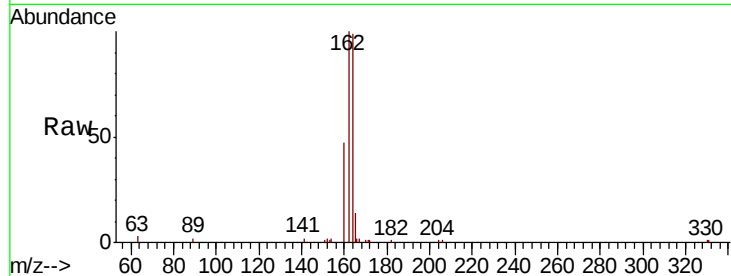
Tot Ion:164 Resp: 7532

Ion Ratio Lower Upper

164 100

162 100.7 80.8 121.2

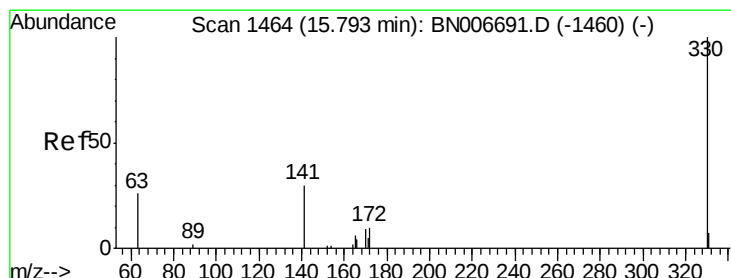
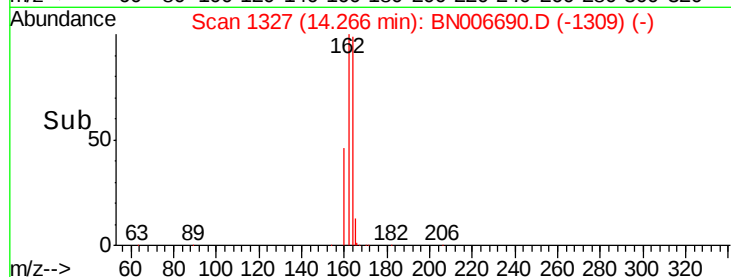
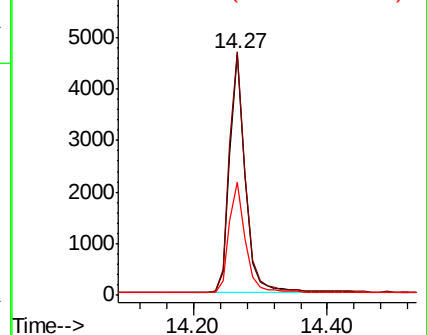
160 46.9 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.186 ng

RT: 15.80 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

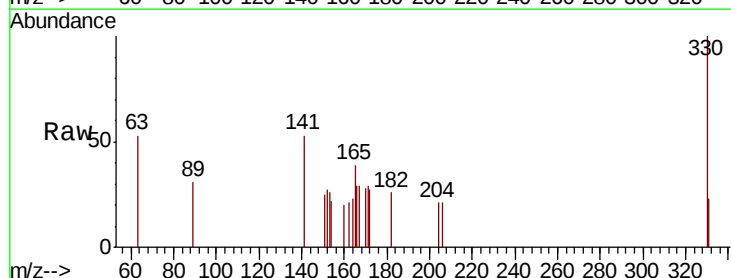
Tgt Ion:330 Resp: 659

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

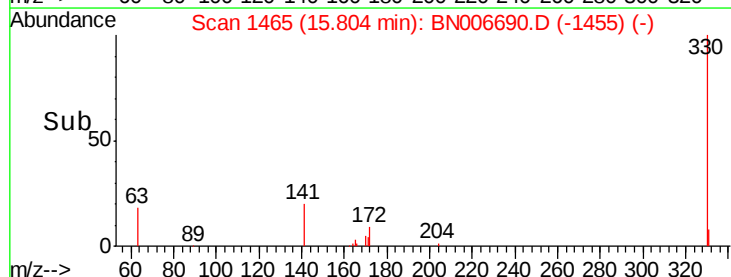
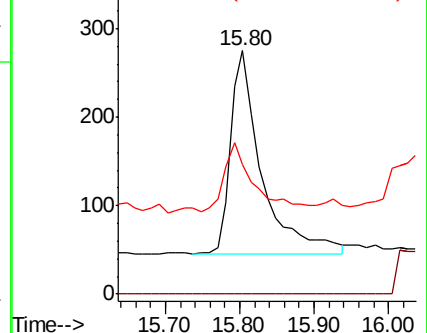
141 33.5 24.8 37.2



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

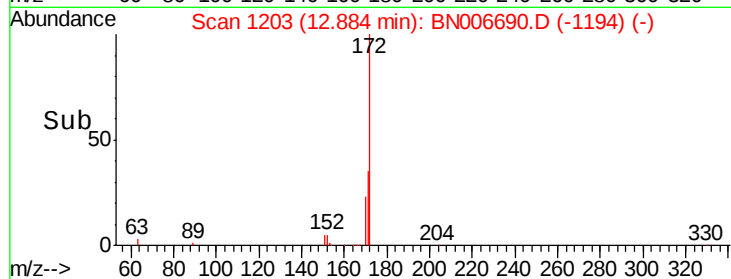
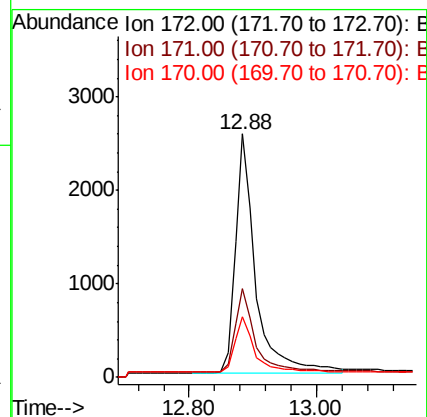
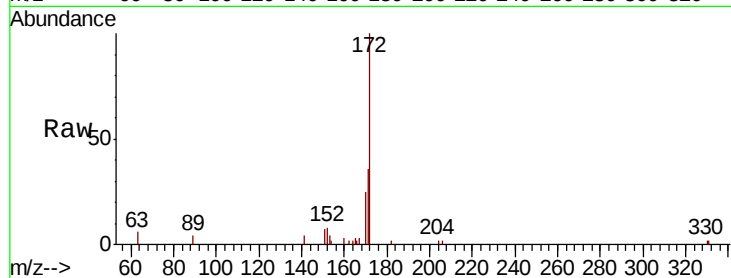




#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

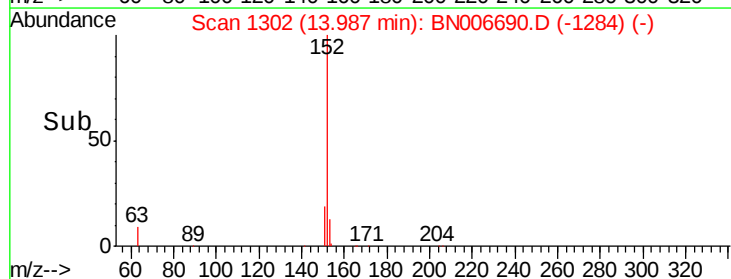
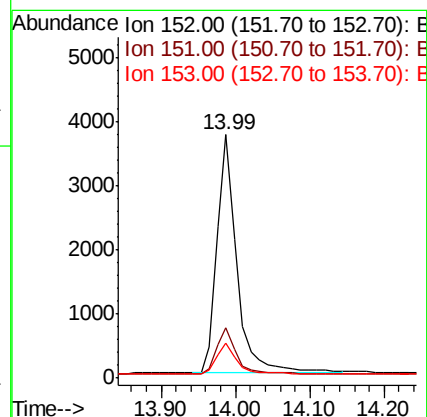
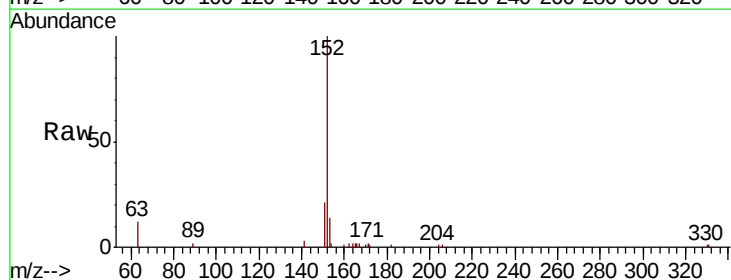
Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 5594
Ion Ratio Lower Upper
172 100
171 36.5 27.8 41.6
170 24.9 18.9 28.3



#16
Acenaphthylene
Concen: 0.193 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:152 Resp: 6921
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.196 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampleId :

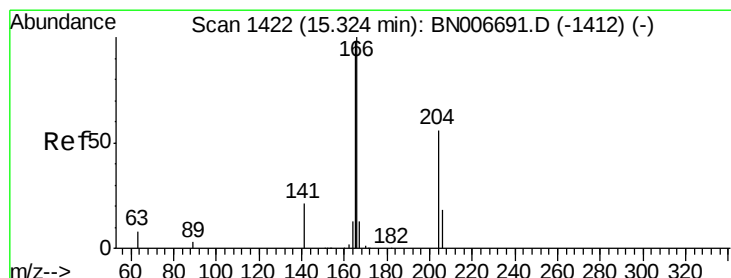
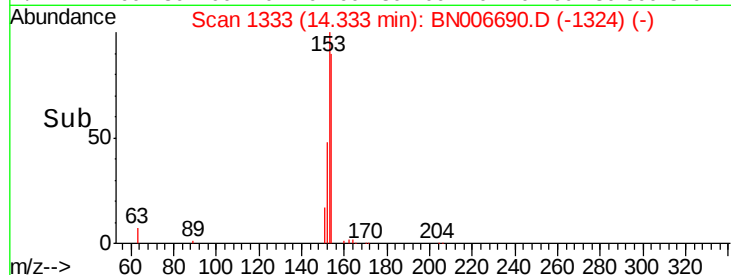
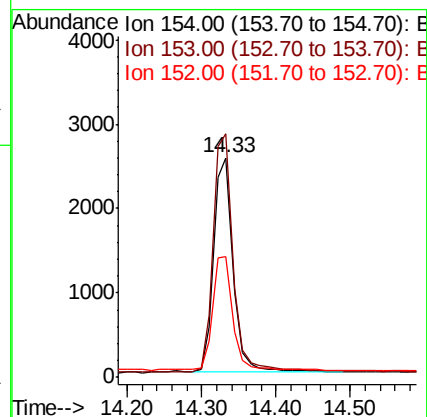
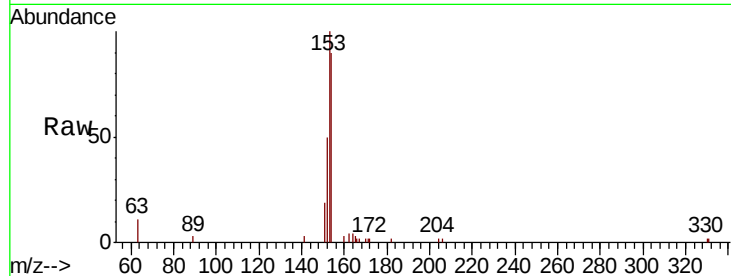
Tot Ion:154 Resp: 4647

Ion Ratio Lower Upper

154 100

153 113.1 88.9 133.3

152 54.8 42.8 64.2



#18

Fluorene

Concen: 0.189 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

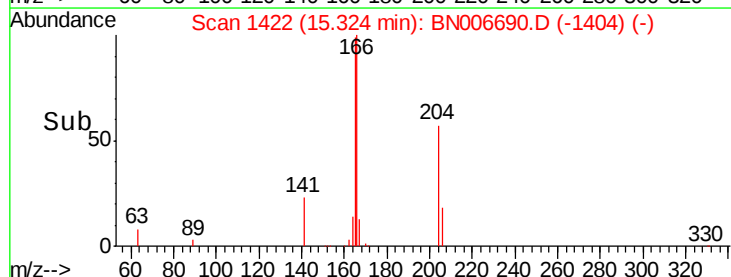
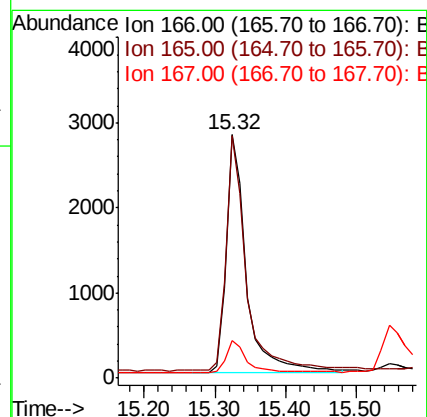
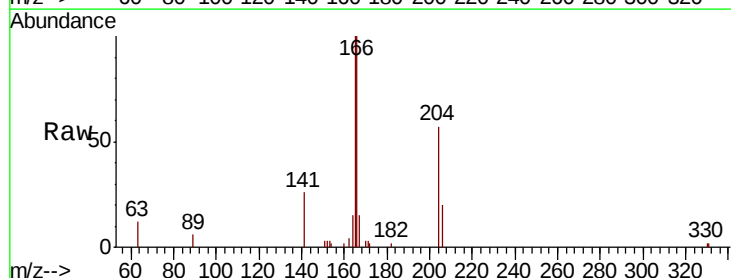
Tgt Ion:166 Resp: 5656

Ion Ratio Lower Upper

166 100

165 96.6 78.0 117.0

167 13.6 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampled :

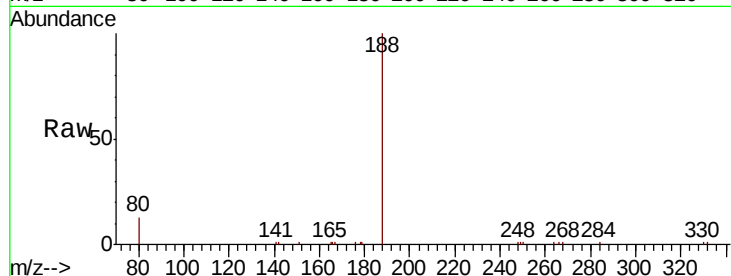
Tot Ion:188 Resp: 16556

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

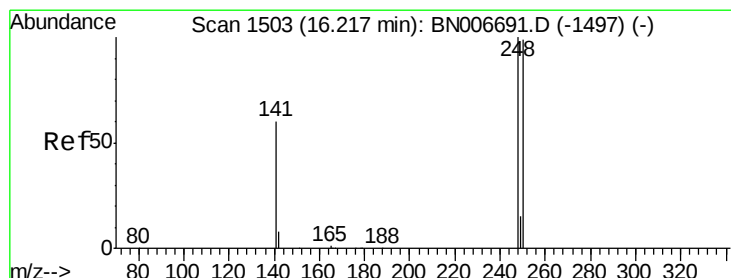
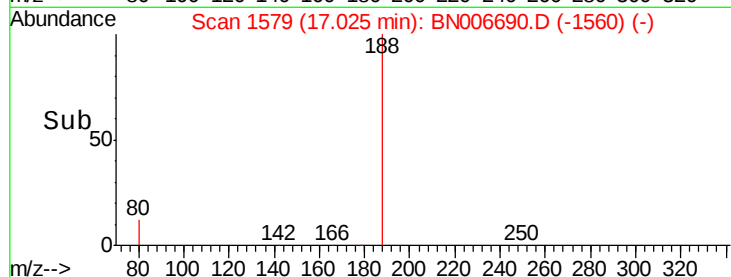
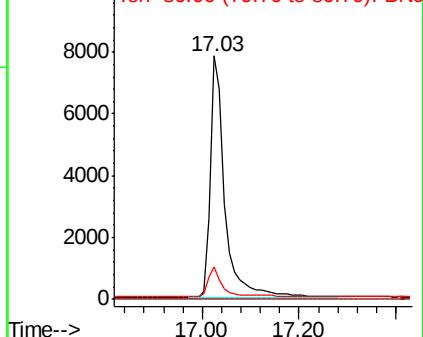
80 13.4 10.3 15.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.195 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

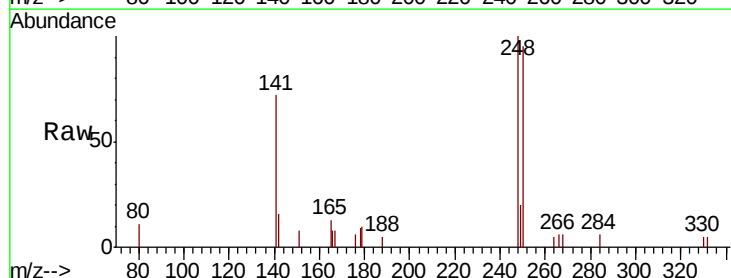
Tgt Ion:248 Resp: 1790

Ion Ratio Lower Upper

248 100

250 94.9 79.0 118.6

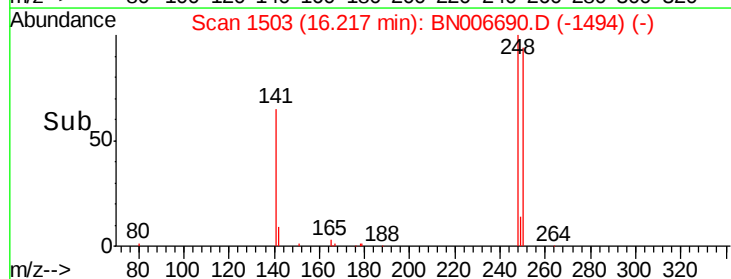
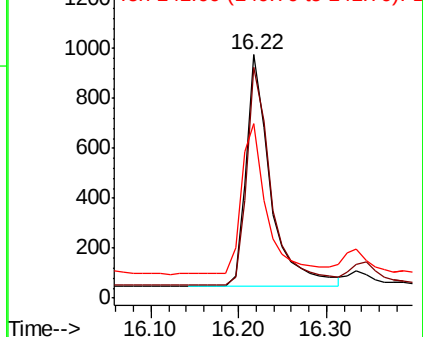
141 71.5 50.2 75.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

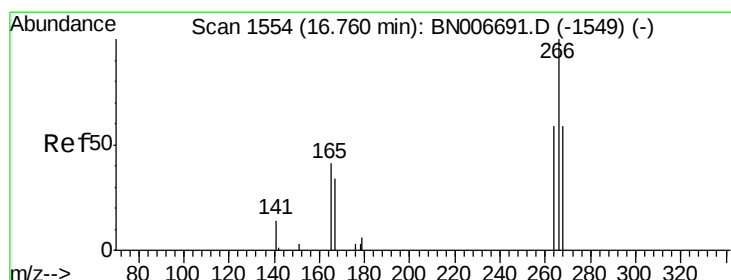
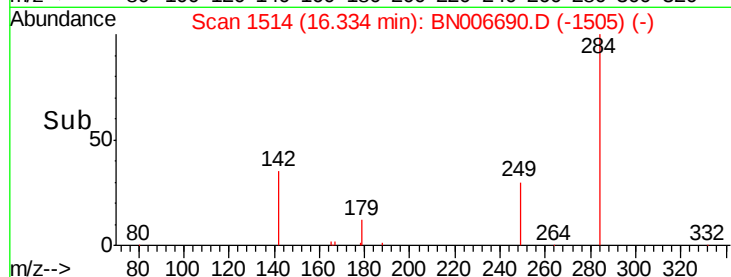
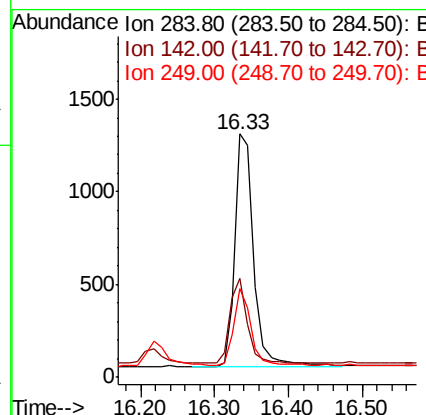
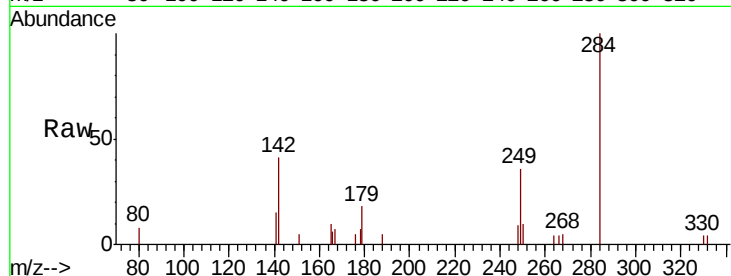




#21
Hexachlorobenzene
Concen: 0.194 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

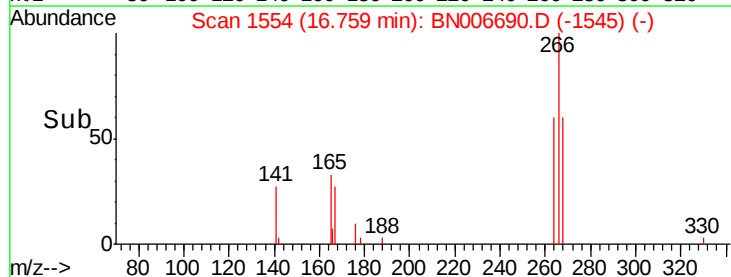
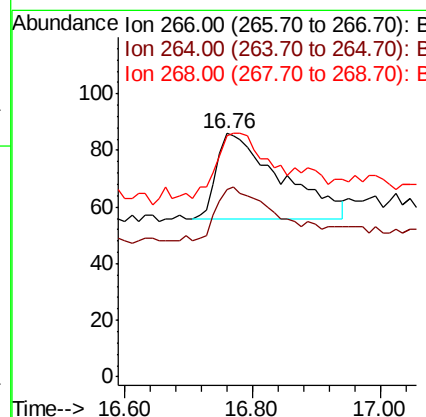
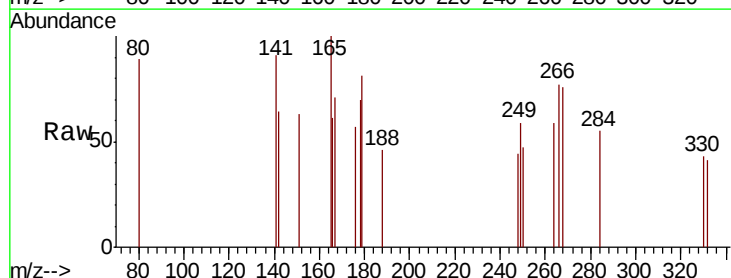
Instrument :
BNA_N
ClientSampleId :

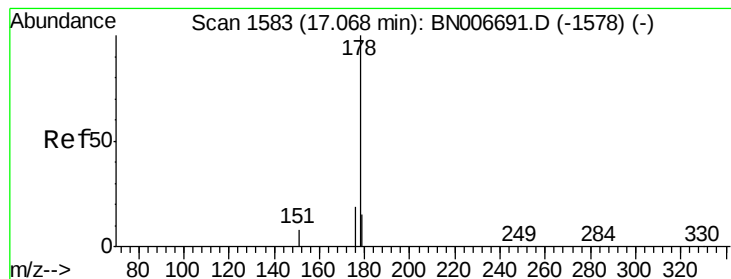
Tot Ion:284 Resp: 2251
Ion Ratio Lower Upper
284 100
142 33.5 26.9 40.3
249 29.2 24.4 36.6



#22
Pentachlorophenol
Concen: 0.112 ng
RT: 16.76 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BN006690.D
Acq: 02 Jul 2019 14:01

Tgt Ion:266 Resp: 207
Ion Ratio Lower Upper
266 100
264 76.7 57.6 86.4
268 98.8 66.6 99.8





#23

Phenanthrene

Concen: 0.189 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampleId :

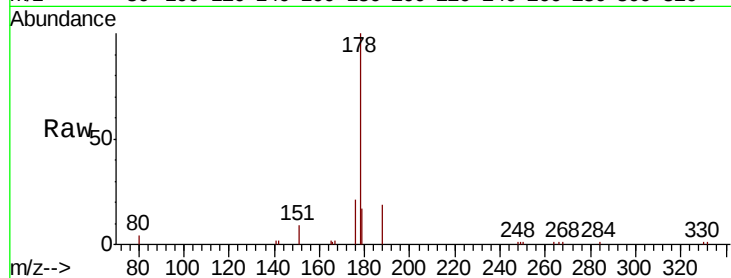
Tot Ion:178 Resp: 8878

Ion Ratio Lower Upper

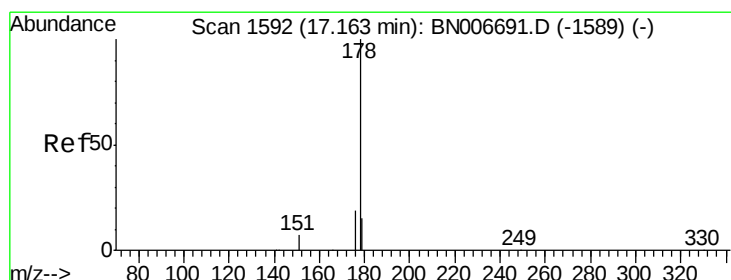
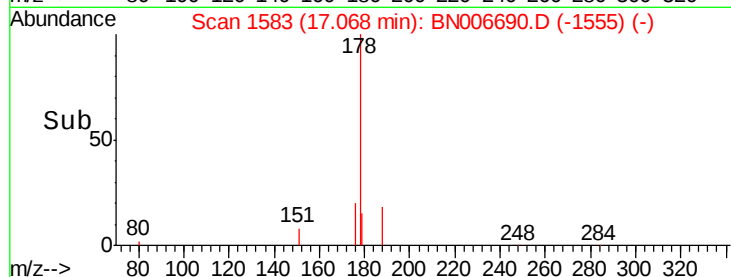
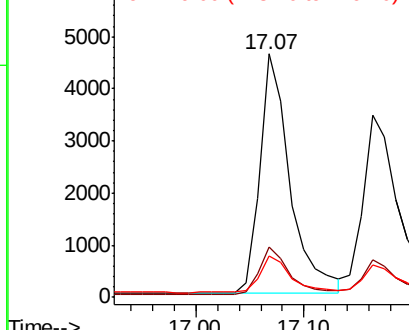
178 100

176 19.3 15.3 22.9

179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.192 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

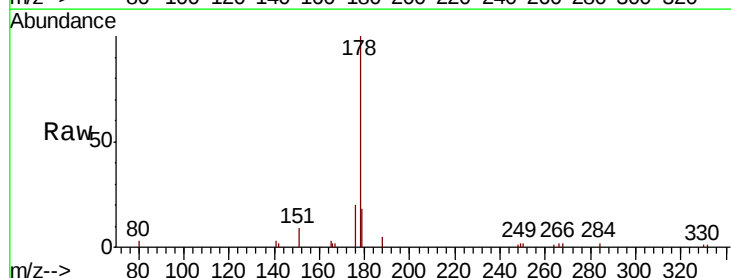
Tgt Ion:178 Resp: 7842

Ion Ratio Lower Upper

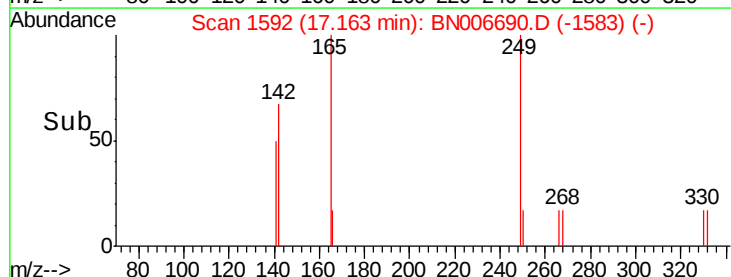
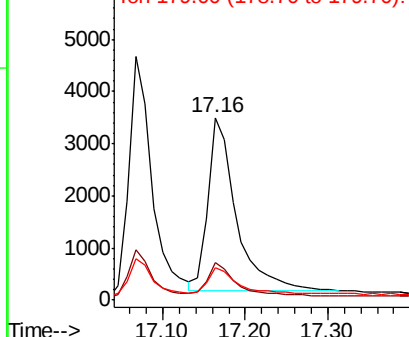
178 100

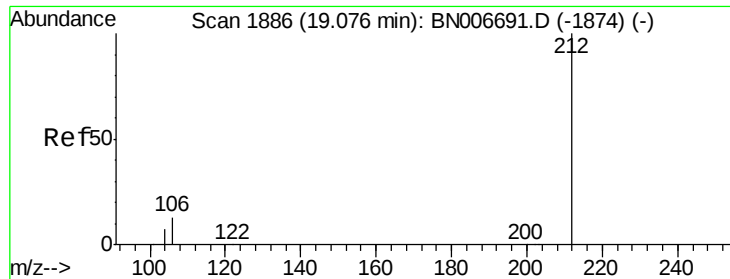
176 18.4 14.8 22.2

179 14.7 11.9 17.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.189 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampleId :

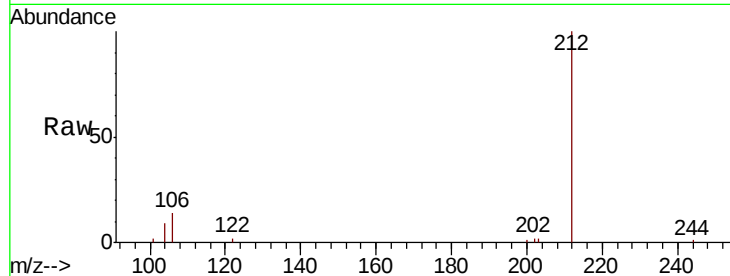
Tot Ion:212 Resp: 9199

Ion Ratio Lower Upper

212 100

106 13.8 11.0 16.6

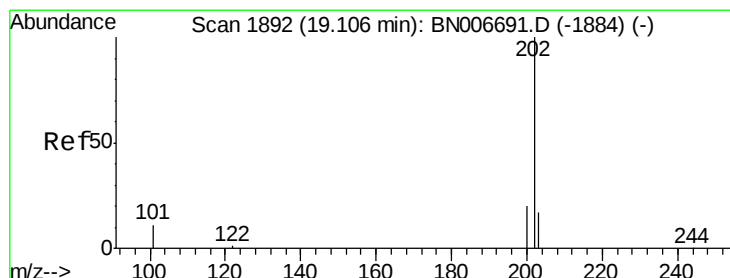
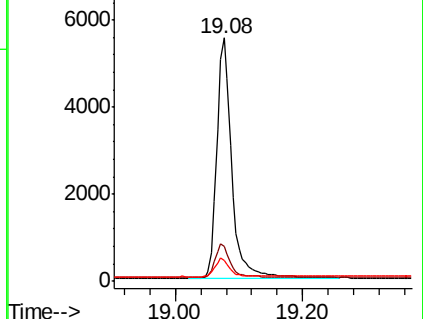
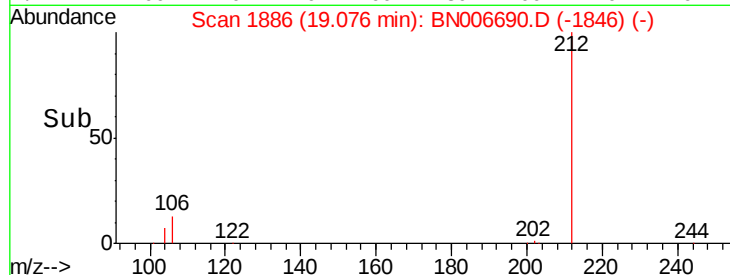
104 7.4 6.1 9.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.190 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

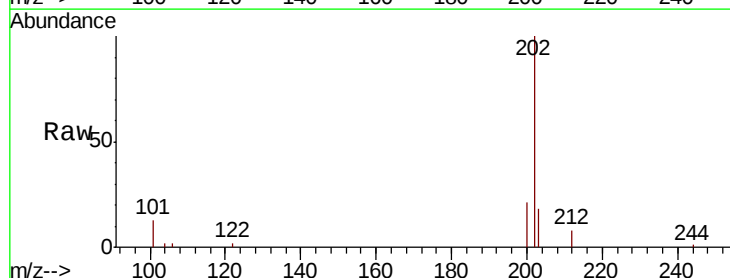
Tgt Ion:202 Resp: 10881

Ion Ratio Lower Upper

202 100

101 10.7 8.7 13.1

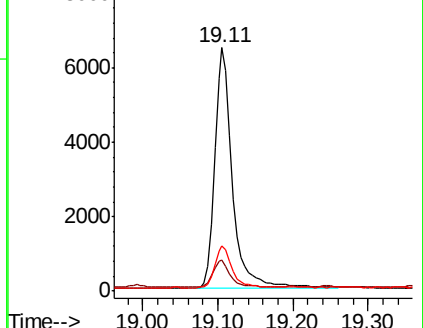
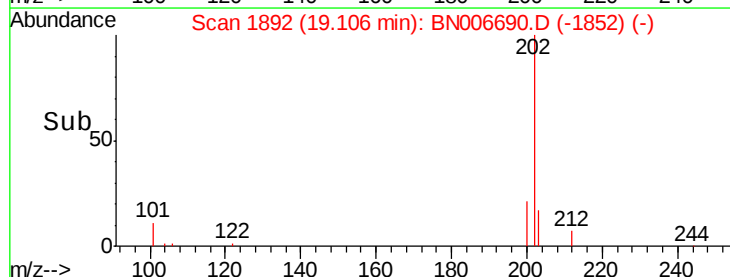
203 16.8 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

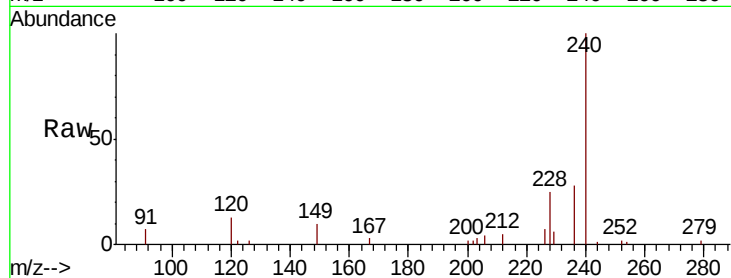




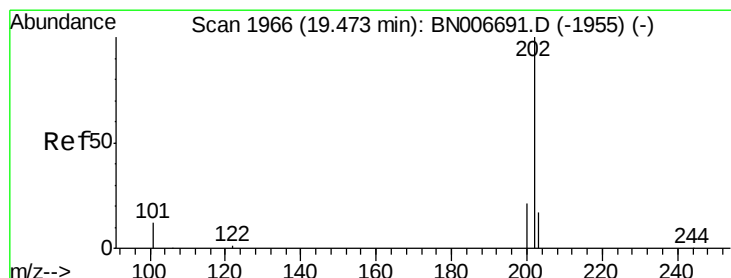
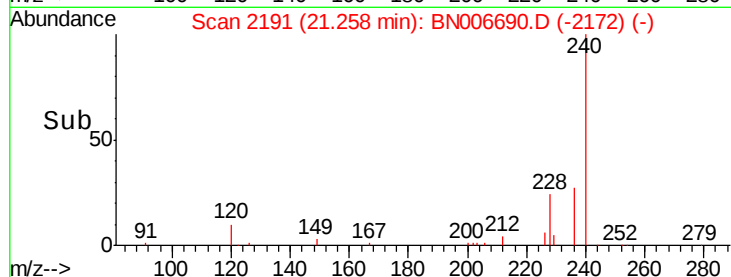
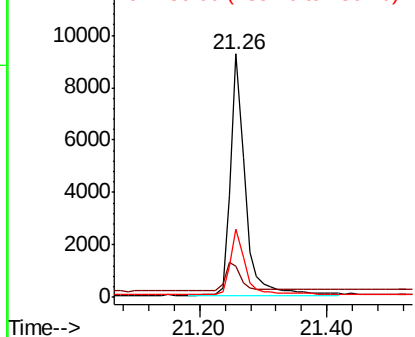
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BN006690.D
 Acq: 02 Jul 2019 14:01

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:240 Resp: 14506
 Ion Ratio Lower Upper
 240 100
 120 12.8 12.9 19.3#
 236 28.0 23.2 34.8

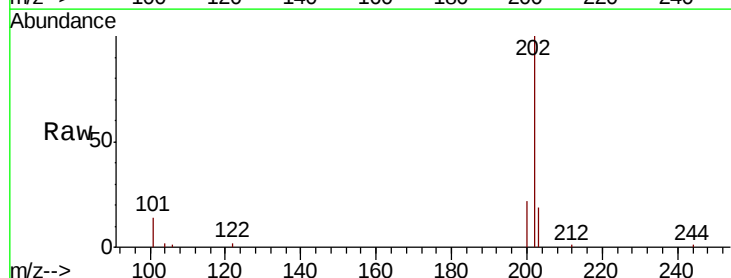


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

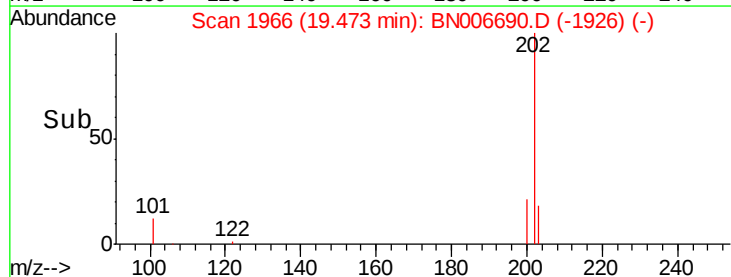
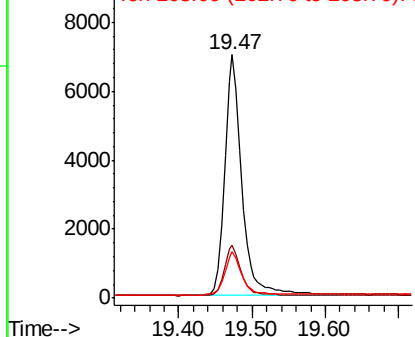


#28
 Pyrene
 Concen: 0.225 ng
 RT: 19.47 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BN006690.D
 Acq: 02 Jul 2019 14:01

Tgt Ion:202 Resp: 11418
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.8 25.2
 203 17.5 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.215 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampled :

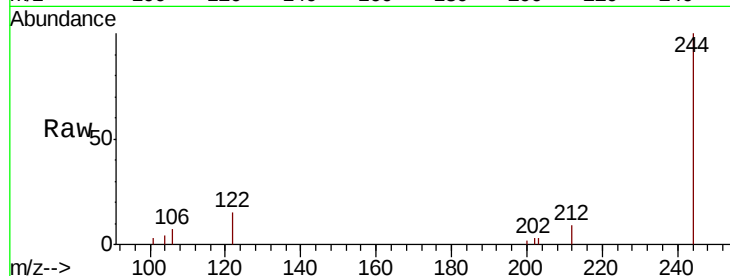
Tot Ion:244 Resp: 6531

Ion Ratio Lower Upper

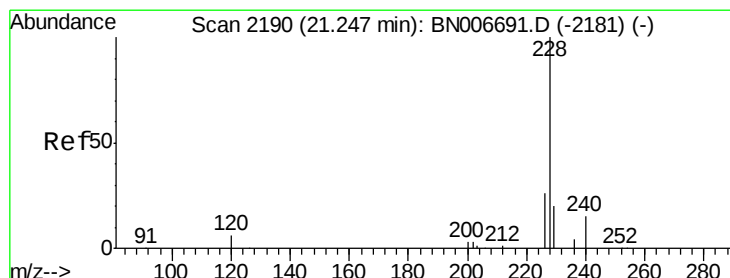
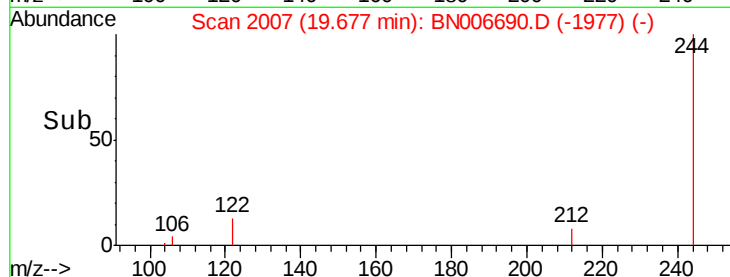
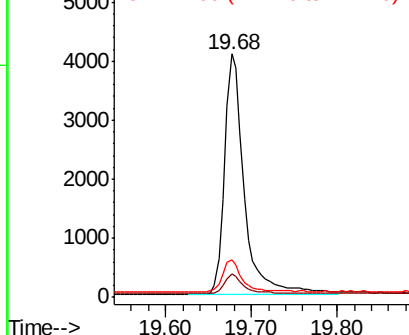
244 100

212 9.4 7.0 10.4

122 15.5 11.5 17.3



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.196 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

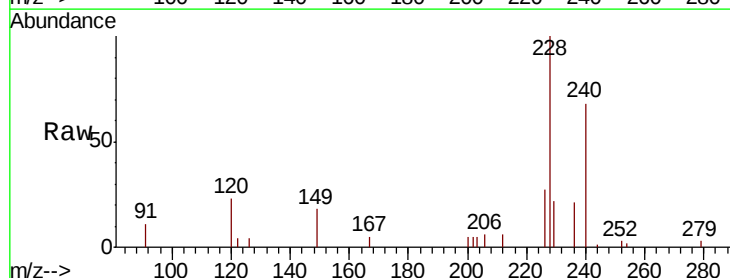
Tgt Ion:228 Resp: 9313

Ion Ratio Lower Upper

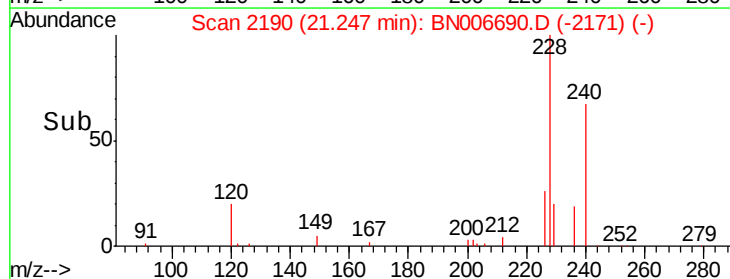
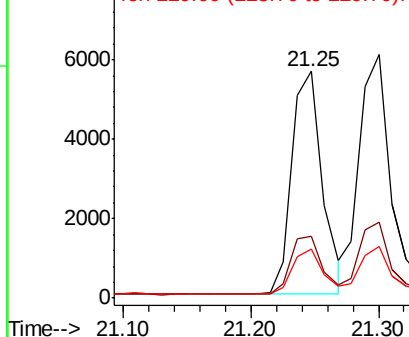
228 100

226 27.4 21.5 32.3

229 21.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.202 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampleId :

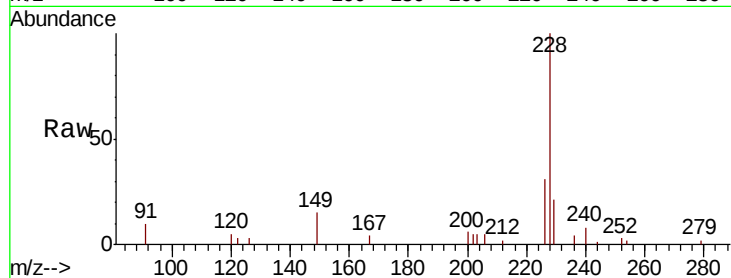
Tot Ion:228 Resp: 10323

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.2

229 21.1 15.8 23.6

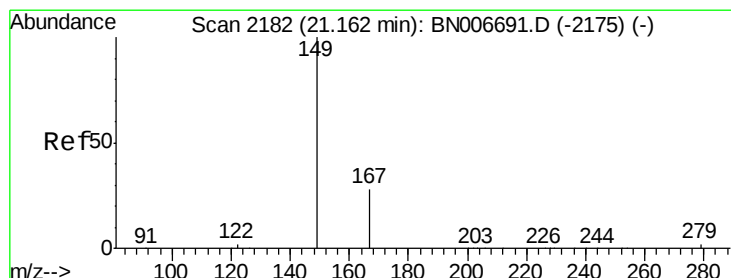
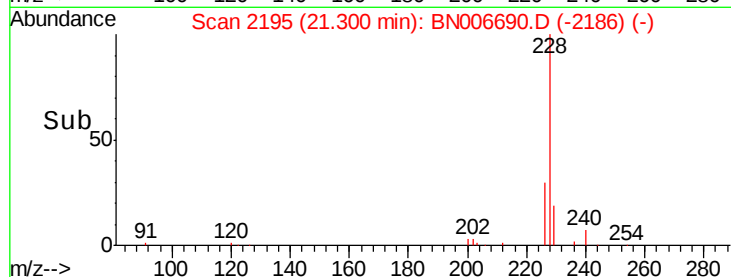
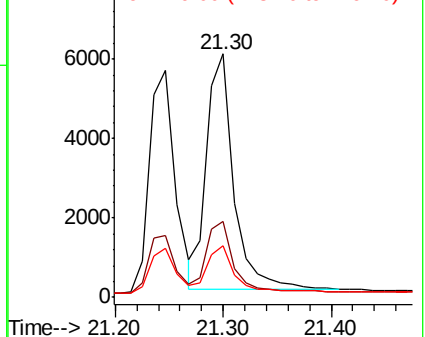


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.583 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

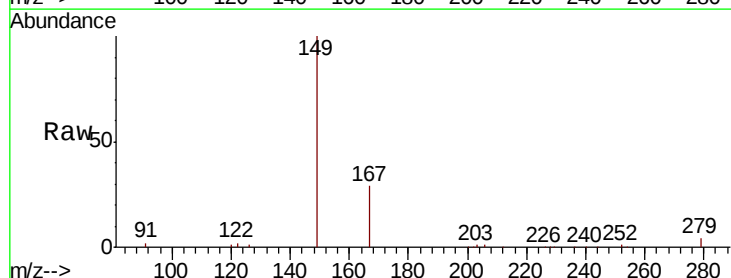
Tgt Ion:149 Resp: 37786

Ion Ratio Lower Upper

149 100

167 28.8 22.9 34.3

279 3.9 3.2 4.8

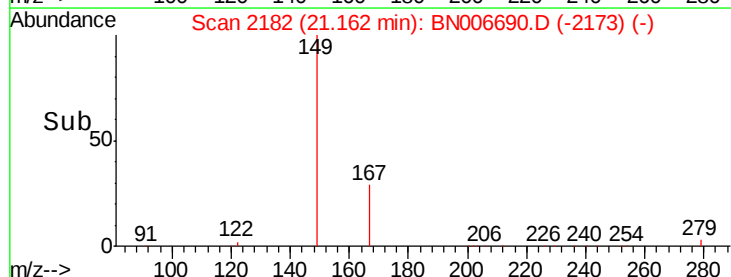
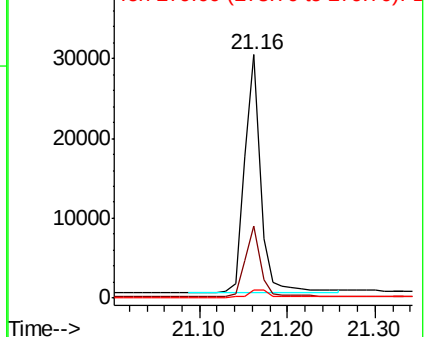


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

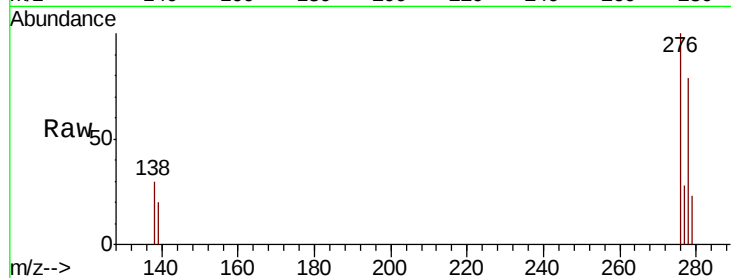




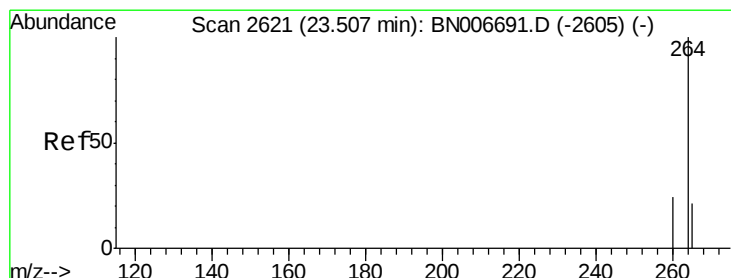
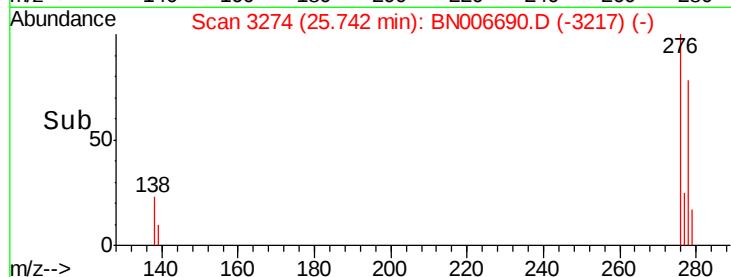
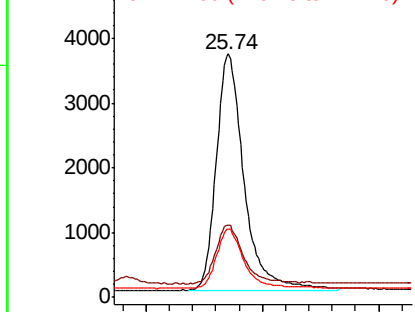
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.235 ng
 RT: 25.74 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: BN006690.D
 Acq: 02 Jul 2019 14:01

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 12169
 Ion Ratio Lower Upper
 276 100
 138 24.2 19.5 29.3
 277 24.1 19.7 29.5

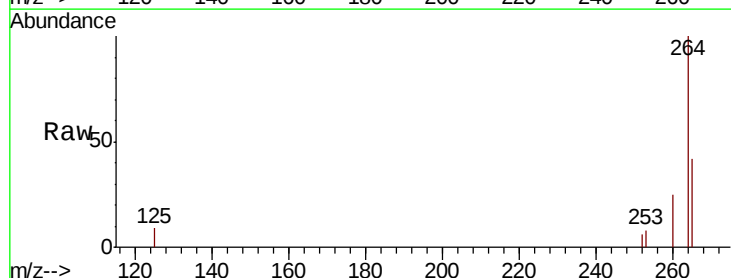


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

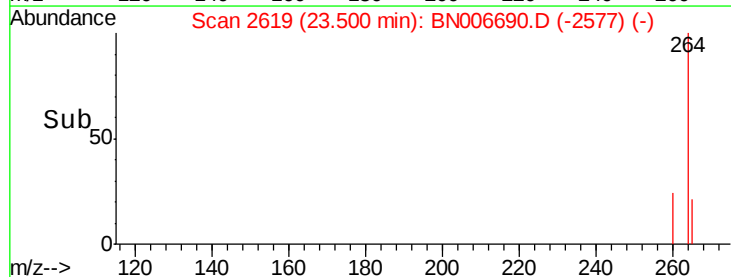
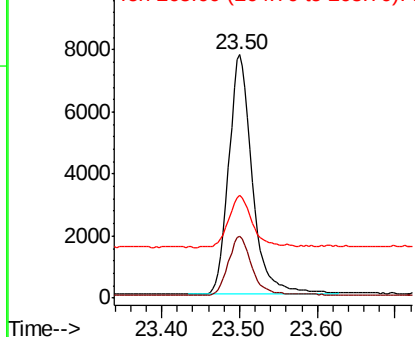


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BN006690.D
 Acq: 02 Jul 2019 14:01

Tgt Ion:264 Resp: 16378
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 42.0 33.7 50.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.183 ng

RT: 22.83 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampleId :

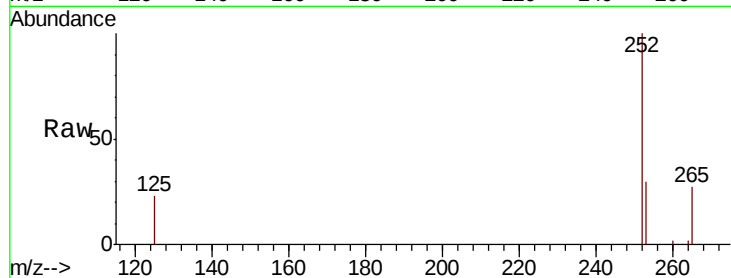
Tot Ion:252 Resp: 10171

Ion Ratio Lower Upper

252 100

253 30.4 20.2 30.2#

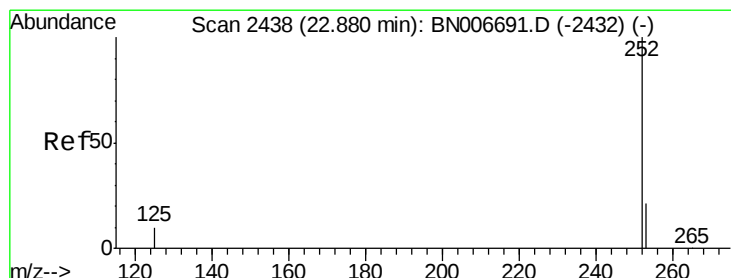
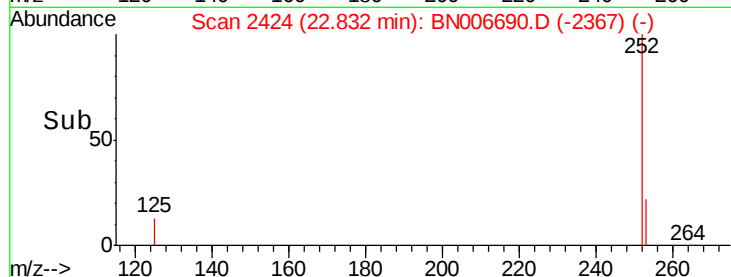
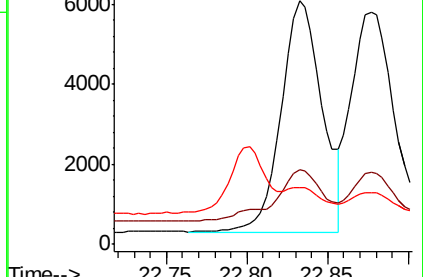
125 23.5 11.5 17.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.188 ng

RT: 22.88 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

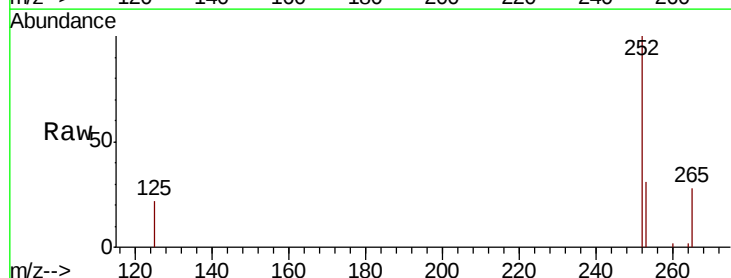
Tgt Ion:252 Resp: 11157

Ion Ratio Lower Upper

252 100

253 31.1 20.1 30.1#

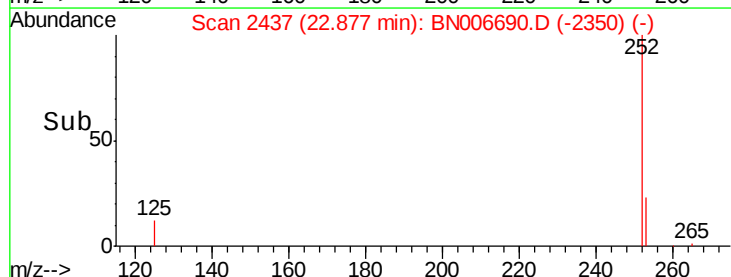
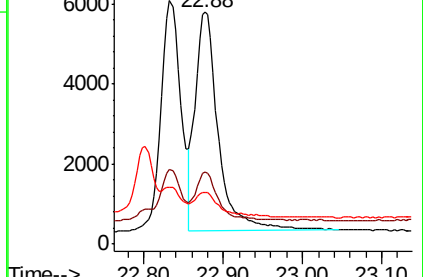
125 22.3 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.189 ng

RT: 23.40 min Scan# 2591

Delta R.T. -0.01 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampleId :

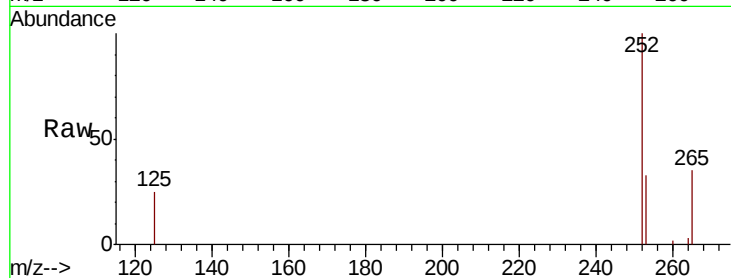
Tot Ion:252 Resp: 9836

Ion Ratio Lower Upper

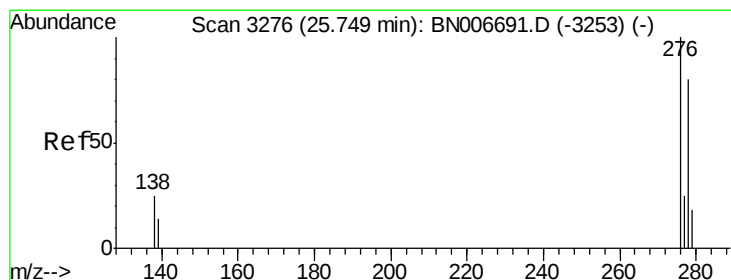
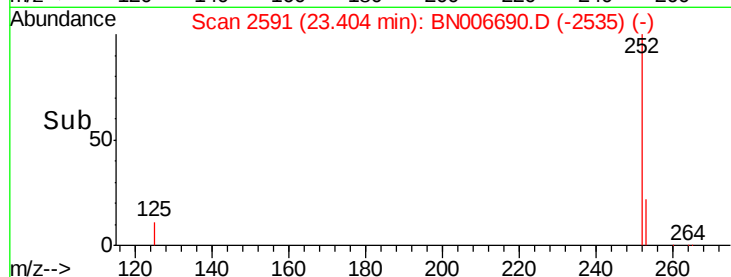
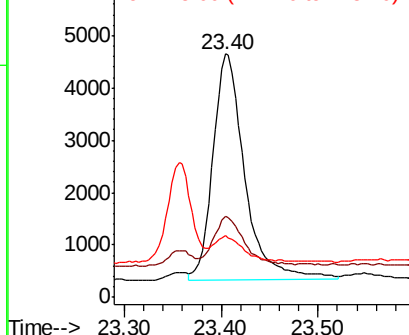
252 100

253 33.3 21.4 32.2#

125 25.4 13.3 19.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.211 ng

RT: 25.74 min Scan# 3274

Delta R.T. -0.01 min

Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

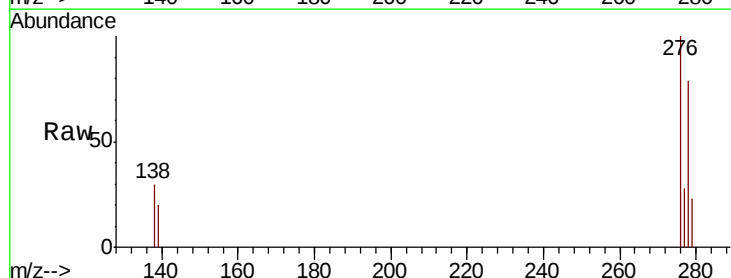
Tgt Ion:278 Resp: 9617

Ion Ratio Lower Upper

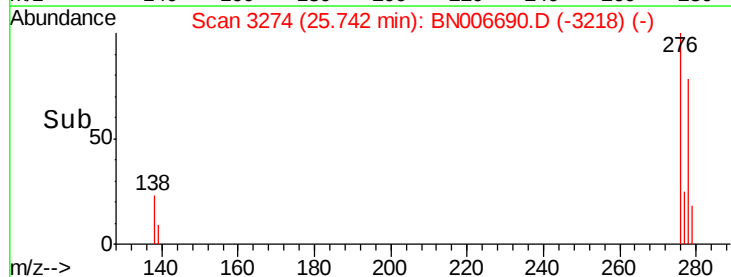
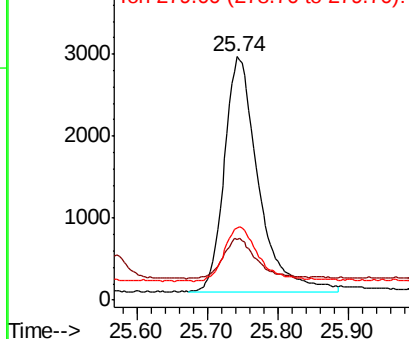
278 100

139 24.9 16.2 24.4#

279 29.7 20.7 31.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.223 ng

RT: 26.42 min Scan# 3472

Delta R.T. -0.01 min

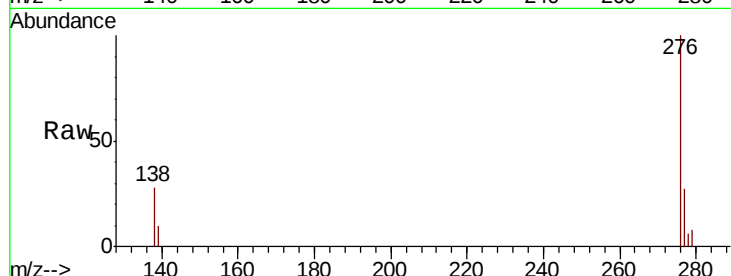
Lab File: BN006690.D

Acq: 02 Jul 2019 14:01

Instrument :

BNA_N

ClientSampleId :



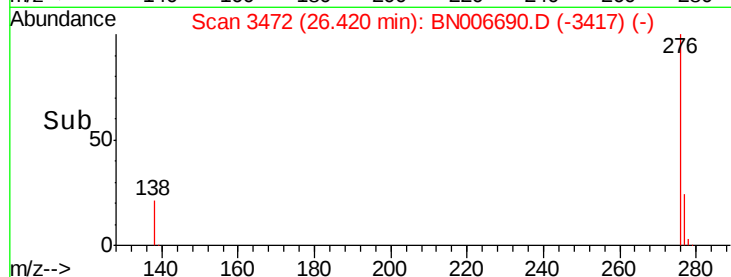
Tot Ion: 276 Resp: 10116

Ion Ratio Lower Upper

276 100

277 27.3 20.6 30.8

138 27.7 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

